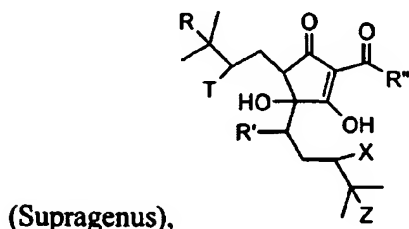


## AMENDMENT TO THE CLAIMS

*A listing of the claims presented in this patent application appears below. This listing replaces all prior versions and listing of claims in this patent application.*

Please amend the claims as shown below:

1. (Original) A composition comprising a fraction isolated or derived from hops and a non-aspirin, non-steroidal anti-inflammatory compound.
2. (Original) The composition of claim 1, wherein the fraction isolated or derived from hops is selected from the group consisting of alpha acids, isoalpha acids, reduced isoalpha acids, tetra-hydroisoalpha acids, hexa-hydroisoalpha acids, beta acids, and spent hops.
3. (Original) The composition of claim 1, wherein the said fraction isolated or derived from hops comprises a compound of a supragenus having the formula:

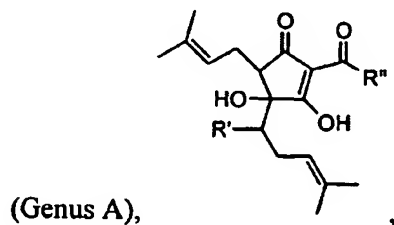


wherein R' is selected from the group consisting of carbonyl, hydroxyl, OR, and OCOR,  
wherein R is alkyl;

wherein R'' is selected from the group consisting of CH(CH<sub>3</sub>)<sub>2</sub>, CH<sub>2</sub>CH(CH<sub>3</sub>)<sub>2</sub>, and  
CH(CH<sub>3</sub>)CH<sub>2</sub>CH<sub>3</sub>;

and wherein R, T, X, and Z are independently selected from the group consisting of H, F,  
Cl, Br, I, and  $\pi$  orbital, with the proviso that if one of R, T, X, or Z is a  $\pi$  orbital, then the  
adjacent R, T, X, or Z is also a  $\pi$  orbital, thereby forming a double bond.

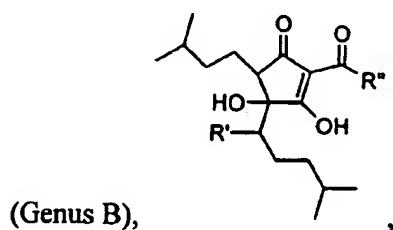
4. (Original) The composition of claim 1, wherein said fraction isolated or derived from hops comprises a compound of Genus A having the formula:



wherein R' is selected from the group consisting of carbonyl, hydroxyl, OR, and OCOR, wherein R is alkyl;

and wherein R'' is selected from the group consisting of CH(CH<sub>3</sub>)<sub>2</sub>, CH<sub>2</sub>CH(CH<sub>3</sub>)<sub>2</sub>, and CH(CH<sub>3</sub>)CH<sub>2</sub>CH<sub>3</sub>.

5. (Original) The composition of claim 1, wherein the fraction isolated or derived from hops comprises a compound of Genus B having the formula:



wherein R' is selected from the group consisting of carbonyl, hydroxyl, OR, and OCOR, wherein R is alkyl;

and wherein R'' is selected from the group consisting of CH(CH<sub>3</sub>)<sub>2</sub>, CH<sub>2</sub>CH(CH<sub>3</sub>)<sub>2</sub>, and CH(CH<sub>3</sub>)CH<sub>2</sub>CH<sub>3</sub>.

6. (Original) The composition of claim 1, wherein said fraction isolated or derived from hops comprises a compound selected from the group consisting of humulone, cohumulone, adhumulone, isohumulone, isocohumulone, isoadhumulone, dihydro-isohumulone, dihydro-isocohumulone, dihydro-adhumulone, tetrahydro-isohumulone, tetrahydro-isocohumulone, tetrahydro-adhumulone, hexahydro-isohumulone, hexahydro-isocohumulone, and hexahydro-adhumulone.

7. (Original) The composition of claim 1, wherein the composition comprises about 0.5 to 10000 mg of said fraction isolated or derived from hops.

8. (Original) The composition of claim 7, wherein the composition comprises about 50 to 7500 mg of the fraction isolated or derived from hops.

9. (Original) The composition of claim 1, wherein the composition comprises about 0.001 to 10 weight percent of the fraction isolated or derived from hops.

10. (Original) The composition of claim 9, wherein the composition comprises about 0.1 to 1 weight percent of the fraction isolated or derived from hops.

11. (Original) The composition of claim 1, wherein the non-aspirin, nonsteroidal anti-inflammatory compound is selected from the group consisting of salicylic acid, methyl salicylate, diflunisal, salsalate, olsalazine, sulfasalazine, acetanilide, acetaminophen, phenacetin, mefenamic acid, sodium meclofenamate, tolmetin, ketorolac, diclofenac, ibuprofen, naproxen, sodium daproxen, fenoprofen, ketoprofen, flurbiprofen, oxaprozin, piroxicam, meloxicam, tenoxicam, ampiroxicam, droxicam, pivoxicam, phenylbutazone, oxyphenbutazone, anitpyrine, aminopyrine, dipyrone, celecoxib, rofecoxib, nabumetone, apazone, nimensulide, indomethacin, sulindac, and etodolac.

12. (Currently Amended) The composition of claim 1, wherein the non-aspirin, nonsteroidal anti-inflammatory ~~compound~~ is selected from the group consisting of salicylic acid, methyl salicylate, ibuprofen, naproxen, sodium daproxen, fenoprofen, ketoprofen, flurbiprofen, and oxaprozin.

13. (Original) The composition of claim 1, wherein the composition further comprises a pharmaceutically acceptable carrier.

14. (Original) The composition of claim 1, wherein the composition is formulated for administration orally, topically, parenterally, or rectally.

15. (Original) A composition comprising a reduced isoalpha acid isolated from hops and a non-steroidal anti-inflammatory compound.

16. (Original) The composition of claim 15, wherein the reduced isoalpha acid is selected from dihydro-isohumulone, dihydro-isocohumulone, and dihydro-adhumulone.

Claims 17-36 (Canceled).